

CAG Gln 1	GTG Val	CAG Gln	CTG Leu	GTG Val 5	GAG Glu	TCT Ser	GGG Gly	GGA Gly	GGC Gly 10	GTT Val	GTG Val	CAG Gln	CCT Pro	GGA Gly 15	AGG Arg	48
TCC Ser	CTG Leu	AGA Arg	CTC Leu 20	TCC Ser	TGT Cys	GCA Ala	GCC Ala	TCT Ser 25	GGA Gly	TTC Phe	ACC Thr	TTC Phe	AGT Ser 30	AGC Ser	TAT Tyr	96
GAC Asp	ATG Met	TCT Ser 35	TGG Trp	GTT Val	CGC Arg	CAG Gln	GCT Ala 40	CCG Pro	GGC Gly	AAG Lys	GGT Gly	CTG Leu 45	GAG Glu	TGG Trp	GTC Val	144
GCA Ala	AAA Lys 50	GTT Val	AGT Ser	AGT Ser	GGT Gly	GGT Gly 55	GGT Gly	AGC Ser	ACC Thr	TAC Tyr	TAT Tyr 60	TTA Leu	GAC Asp	ACT Thr	GTG Val	192
CAG Gln 65	GGC Gly	CGA Arg	TTC Phe	ACC Thr	ATC Ile 70	TCC Ser	AGA Arg	GAC Asp	AAT Asn	AGT Ser 75	AAG Lys	AAC Asn	ACC Thr	CTA Leu	TAC Tyr 80	240
CTG Leu	CAA Gln	ATG Met	AAC Asn	TCT Ser 85	CTG Leu	AGA Arg	GCC Ala	GAG Glu	GAC Asp 90	ACA Thr	GCC Ala	GTG Val	TAT Tyr	TAC Tyr 95	TGT Cys	288
GCA Ala	AGA Arg	CAT His	AAC Asn 100	TAC Tyr	GGC Gly	AGT Ser	TTT Phe	GCT Ala 105	TAC Tyr	TGG Trp	GGC Gly	CAA Gln	GGG Gly 110	ACT Thr	ACA Thr	336
GTG Val	ACT Thr	GTT Val 115	TCT Ser	AGT Ser												351

FIG. 1A

GAG	ATT	GTG	CTA	ACT	CAG	TCT	CCA	GCC	ACC	CTG	TCT	CTC	AGC	CCA	GGA	48
Glu	Ile	Val	Leu	Thr	Gln	Ser	Pro	Ala	Thr	Leu	Ser	Leu	Ser	Pro	Gly	
1				5					10					15		
GAA	AGG	GCG	ACT	CTT	TCC	TGC	CAG	GCC	AGC	CAA	AGT	ATT	AGC	AAC	CAC	96
Glu	Arg	Ala	Thr	Leu	Ser	Cys	Gln	Ala	Ser	Gln	Ser	Ile	Ser	Asn	His	
			20					25					30			
CTA	CAC	TGG	TAT	CAA	CAA	AGG	CCT	GGT	CAA	GCC	CCA	AGG	CTT	CTC	ATC	144
Leu	His	Trp	Tyr	Gln	Gln	Arg	Pro	Gly	Gln	Ala	Pro	Arg	Leu	Leu	Ile	
		35					40					45				
AAG	TAT	CGT	TCC	CAG	TCC	ATC	TCT	GGG	ATC	CCC	GCC	AGG	TTC	AGT	GGC	192
Lys	Tyr	Arg	Ser	Gln	Ser	Ile	Ser	Gly	Ile	Pro	Ala	Arg	Phe	Ser	Gly	
	50					55					60					
AGT	GGA	TCA	GGG	ACA	GAT	TTC	ACC	CTC	ACT	ATC	TCC	AGT	CTG	GAG	CCT	240
Ser	Gly	Ser	Gly	Thr	Asp	Phe	Thr	Leu	Thr	Ile	Ser	Ser	Leu	Glu	Pro	
65					70					75					80	
GAA	GAT	TTT	GCA	GTC	TAT	TAC	TGT	CAA	CAG	AGT	GGC	AGC	TGG	CCT	CAC	288
Glu	Asp	Phe	Ala	Val	Tyr	Tyr	Cys	Gln	Gln	Ser	Gly	Ser	Trp	Pro	His	
				85					90					95		
ACG	TTC	GGA	GGG	GGG	ACC	AAG	GTG	GAA	ATT	AAG						321
Thr	Phe	Gly	Gly	Gly	Thr	Lys	Val	Glu	Ile	Lys						
			100					105								

FIG. 1B